

GSoC Work on KDE and GNOME, Epiphany Version Numbers

By *Roy Schestowitz*

Created 28/06/2019 - 9:25pm

Submitted by Roy Schestowitz on Friday 28th of June 2019 09:25:21 PM Filed under [Development](#) [1] [KDE](#) [2] [Google](#) [3] [GNOME](#) [4]



[Week 4, Titler Tool and MLT ? GSoC ?19](#) [5]

It?s already been a month now, and this week ? it hasn?t been the most exciting one. Mostly meddling with MLT, going through pages of documentation, compiling MLT and getting used to the MLT codebase.

With the last week, I concluded with the rendering library part and now this week, I began writing a new producer in MLT for QML which will be rendered using the rendering library. So I went through a lot of MLT documentation, and it being a relatively new field for me, here is what I?ve gathered so far:

At its core, MLT employs the basic producer-consumer concept. A producer produces data (here, frame objects) and a consumer consumes frames ? as simple as that.

- [\[Older\] The Journey Begins | Google Summer of Code](#) [6]

Google Summer of Code (GSoC) is a global program focused on bringing more student developers into open source software development. Students work with an open source organization on a 3 month programming project during their break from school.

- [Making the 'httpsrc' plugin asynchronous | GSoC 2019](#) [7]

GStreamer plugins are the building units of any GStreamer application. The plugins can be linked and arranged in a pipeline. This pipeline defines the flow of the data. 'souphttpsrc', aka HTTP source is a plugin which reads data from a remote location specified by a URI and the supported protocols are 'http', 'https'. This plugin is written in C. 'rshttpsrc' is the Rust version of the above said plugin.

- [Michael Catanzaro: On Version Numbers](#) [8]

I'm afraid 3.33.4 will arrive long before we make it to 3.33.3-333, so this is probably the last cool version number Epiphany will ever have.

I might be guilty of using an empty commit to claim the -33 commit.

[Development KDE](#) [Google](#) [GNOME](#)

Source URL: <http://www.tuxmachines.org/node/125355>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/145>

[2] <http://www.tuxmachines.org/taxonomy/term/108>

[3] <http://www.tuxmachines.org/taxonomy/term/120>

[4] <http://www.tuxmachines.org/taxonomy/term/146>

[5] <https://kdenlive.org/en/2019/06/week-4-titler-tool-and-mlt-gsoc-19/>

[6] <https://sajeerahamed.blogspot.com/2019/06/the-journey-begins-google-summer-of-code.html>

[7] <https://sajeerahamed.blogspot.com/2019/06/making-httpsrc-plugin-asynchronous-gsoc.html>

[8] <https://blogs.gnome.org/mcatanzaro/2019/06/28/on-version-numbers/>